What is claimed is:

1. A test support apparatus for supporting a test of a screen program using a graphic user interface, comprising:

a test support class generation unit obtaining screen definition information about a test target screen program, and generating a test support class which is a subclass inheriting a class of the test target screen program according to the screen definition information, and a class for testing the test target screen program; and

a test execution unit conducting a test of the test target screen program using the generated test support class.

2. The apparatus according to claim 1, further comprising

a test specification generation unit generating a test specification for the test target screen program according to the screen definition information, and providing the test specification for said test execution unit.

3. The apparatus according to claim 2, further

comprising:

a test report generation unit generating a test report using the test specification generated by said test specification generation unit and a test execution result obtained by said test execution unit.

4. The apparatus according to claim 3, wherein said test support class has a function of supporting input of input test data.

5. The apparatus according to claim 1, wherein said test support class has a function of recording a test result obtained when a test is conducted.

6. The apparatus according to claim 1, wherein said test support class has a function of visually indicating a test execution portion on a screen.

7. The apparatus according to claim 1, wherein said test support class has a function of conducting a test using new input test data or input data about a previous test execution result.

8.   The apparatus according to claim 7, wherein said test support class has a function of displaying a warning when an execution result of a test conducted using the input data about the previous test execution result is different from the previous test execution result.

9.   The apparatus according to claim 1, wherein said test support class has a function of supporting measurement of performance of the test target screen program.

10.   A test supporting method for supporting a test of a screen program using a graphic user interface, comprising:

obtaining screen definition information about a test target screen program, and generating a test support class which is a subclass inheriting a class of the test target screen program according to the screen definition information, and a class for testing the test target screen program; and

conducting a test of the test target screen program using the generated test support class.

11.   A computer-readable storage medium storing a program used to direct a computer to control support of a test of a screen program using a graphic user interface, said program to direct said computer to perform the process of:

obtaining screen definition information about a test target screen program; and

generating a test support class which is a subclass inheriting a class of the test target screen program according to the screen definition information, and a class for testing the test target screen program.

12.   A computer-readable storage medium storing a program used to direct a computer to control support of a test of a screen program using a graphic user interface, said program to direct said computer to perform the process of:

receiving input data; and

conducting a test of a test target screen program using a test support class which is a subclass inheriting object-oriented programming for a class of the test target screen program, and tests a screen program using the received input data.

13. A computer data signal embodied in a carrier wave and representing a program that makes the computer perform the control for supporting a test of a screen program sing a graphic user interface, and the program makes the computer execute the process of:

receiving new input test data, or input data about a previous test execution result; and

conducting a test of a test target screen program using a test support class which is a subclass inheriting object-oriented programming for a class of the test target screen program, and tests a screen program using the received input data.

14. A test support apparatus for supporting a test of a screen program sing a graphic user interface, comprising:

test support class generation means for obtaining screen definition information about a test target screen program, and generating a test support class which is a subclass inheriting a class of the test target screen program according to the screen definition information, and a class

for testing the test target screen program; and

test execution means for conducting a test of the test target screen program using the generated test support class.

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